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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/817,583	04/02/2004	Martin Weigert	16274.6a.1	2597

22913 7590 08/25/2006

WORKMAN NYDEGGER
(F/K/A WORKMAN NYDEGGER & SEELEY)
60 EAST SOUTH TEMPLE
1000 EAGLE GATE TOWER
SALT LAKE CITY, UT 84111

EXAMINER

DICKEY, THOMAS L

ART UNIT	PAPER NUMBER
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2826

DATE MAILED: 08/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/817,583

Applicant(s)

WEIGERT, MARTIN

Examiner

Thomas L. Dickey

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 September 2005.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8, 10, 11 and 13-15 is/are pending in the application.
4a) Of the above claim(s) 11 is/are withdrawn from consideration.
5) ☒ Claim(s) 14 and 15 is/are allowed.
6) ☒ Claim(s) 1, 2, 8 and 10 is/are rejected.
7) ☒ Claim(s) 3-7 and 13 is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 02 April 2004 and 03 February 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4/10/04
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____

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DETAILED ACTION

1. The amendment filed on 03/14/2006 has been entered.

Drawings

2. The proposed drawing correction and/or the proposed substitute sheets of drawings, filed on 02/03/2006 have been approved.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1,2,8, and 10 are rejected under 35 U.S.C. 102(e) as being anticipated by YOO ET AL. (2003/0111701).

With regard to claims 1,2,8,9,10, and 12, Yoo et al. discloses an arrangement comprising an optoelectronic component 110 (LCD panel) comprising terminal contacts and

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(claim 9), an optical window 115 (identified as a "transparent upper substrate") for light to enter or light to leave the optoelectronic component 110; a printed circuit board 200 with electrical contacts, and a flexible conductor arrangement 210-212-214-216 of a planar form and including a plurality of interconnects, where the flexible conductor arrangement 210-212-214-216 is connected to the optoelectronic component 110 and the printed circuit board 200 such that the interconnects electrically connect the terminal contacts of the optoelectronic component 110 and corresponding electrical contacts of the printed circuit board 200, wherein the flexible conductor arrangement 210-212-214-216 is bent in such a way (note paragraph 0047) that, starting from the printed circuit board 200, the flexible conductor arrangement 210-212-214-216 is led around the optoelectronic component 110 and contacts the optoelectronic component 110 on a side facing away from the printed circuit board 200; the optical window 115 being arranged on said side of the optoelectronic component 110 facing away from the printed circuit board 200 and the flexible conductor arrangement 210-212-214-216 defines an opening through which light can enter and leave; the flexible conductor arrangement 210-212-214-216 having a first portion with contact regions connected to the electrical contacts of the printed circuit board 200 and a second portion with contact regions connected to the terminal contacts of the optoelectronic component 110, and the flexible conductor arrangement 210-212-214-216 being bent at least in a third portion lying between the first portion and the second portion, the optoelectronic component 110

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including a leadframe 120 for contacting purposes, and wherein the respective contact regions of the second portion of the flexible conductor arrangement 210-212-214-216 are each electrically connected to a corresponding leg of the leadframe 120; wherein the first portion of the flexible conductor arrangement 210-212-214-216 runs substantially parallel to the surface of the printed circuit board 200.

Allowable Subject Matter

2. Claims 14 and ¹⁵ are allowed over the references of record for the reasons set forth by Applicant in his paper of 2/3/2006.

3. Claims 3-7 and 13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

4. Applicant's arguments filed 02/03/2006 have been fully considered but they are not persuasive.

On pages 10 and 11 Applicant persuasively argues that amendments to claims 1 and 14 avoid Horn et al. 3,104,282 and Kawaguchi et al. 5,243,453. Rejections over Horn et al. 3,104,282 and Kawaguchi et al. 5,243,453 are therefore withdrawn.

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It is argued, at page 12 of the remarks, that "it is clear from [Yoo et al. 2003/0111701's] figures 2, 3, and 4 that element 216 does not define a clearance or opening through which light can enter or leave. Instead, an element labeled 230 defines an opening through which light can enter or leave. See figures 2, 3, and 4." However, claim 1 does not prohibit light from entering or leaving in more than one direction and this is in fact what the light in Yoo et al. does. Applicant is correct in stating that light enters and leaves from a hole element 230 in the top of Yoo et al.'s device. However, light also can enter or leave longitudinally from slide slots 162 in the sides of the device, as described (firstly) in Yoo et al.'s abstract. Yoo et al. find a primary use for light ^(for slots 162) entering the device from lamp units 180; however, light is free to leave as well. Flexible conductor arrangement 210-212-214-216 (FPC's) defines slide slots 162 in the sense that the FPC's are positioned at portions of Yoo et al.'s bottom chassis where slide slots 162 do not exist. Yoo et al. explain the relationship between FPC's 210-212-214-216 and slide slots 162 in the abstract, as well.

Conclusion

5. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within

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TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas L Dickey whose telephone number is 571-272-1913. The examiner can normally be reached on Monday-Thursday 8-6.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas L Dickey whose telephone number is 571-272-1913. The examiner can normally be reached on Monday-Thursday 8-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan J Flynn can be reached on 571-272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you

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have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'T. L. Dickey', with a stylized, flowing script.

Thomas L. Dickey
Primary Examiner
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